

Amendments to the claims:

This listing of claims is to replace all prior versions and listings of claims in the application.

1. (Withdrawn) An isolated nucleic acid molecule comprising a sequence substantially identical to SEQ ID NO:252.

2-43. (Cancelled).

44. (Withdrawn) A substantially pure polypeptide comprising an amino acid sequence that is substantially identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 92 (ORF11738).

45. (Withdrawn) The polypeptide of claim 44, comprising an amino acid sequence that is identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 92.

46. (Withdrawn) A substantially pure polypeptide comprising an amino acid sequence that is substantially identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 220 (ORF14155).

47. (Withdrawn) The polypeptide of claim 46, comprising an amino acid sequence that is identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 220.

48. (Currently Amended) A substantially pure polypeptide comprising an amino acid sequence that ~~has a least 90% identity~~ has at least 90% identity to the amino acid sequence of a ~~polypeptide~~ the full-length polypeptide encoded by SEQ ID NO: 252, wherein said polypeptide is a virulence factor.

49. (Original) The polypeptide of claim 48, comprising an amino acid sequence that is identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 252.

50. (Withdrawn) A substantially pure polypeptide comprising an amino acid sequence that is substantially identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 272 (ORF23228).

51. (Withdrawn) The polypeptide of claim 50, comprising an amino acid sequence that is identical to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 272.

52. (Withdrawn) A method for identifying a compound which binds a polypeptide, said method comprising the steps of:

- (a) contacting a candidate compound with a substantially pure polypeptide of claim 44, 46, 48, or 50 under conditions that allow binding; and
- (b) detecting binding of the candidate compound to the polypeptide.

53. (Previously presented) The substantially pure polypeptide of claim 48, wherein said polypeptide has a least 95% identity to the amino acid sequence of a polypeptide encoded by SEQ ID NO: 252.